

Roblox 1

Donald Du

Winter, 2022-2023

www.CodingMindsAcademy.com



My Idea

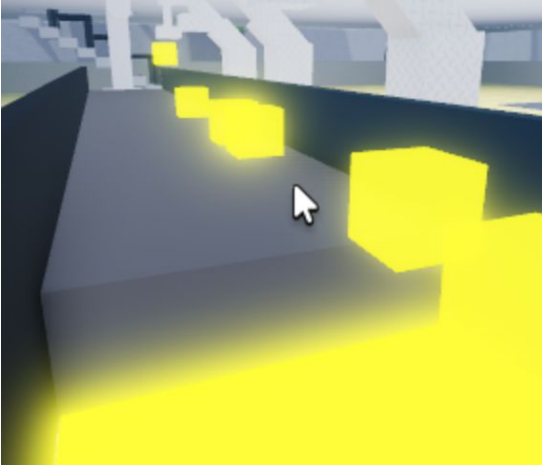
This project was inspired by video games I liked playing in the past, such as space tycoon and car tycoon on Roblox.



What did I learn and use for my project?

During class I learned about how to code in Roblox using Lua and build many kinds of objects which I used in my project.

#1 Moving Objects down a conveyor belt machine



#2 Make Player money overtime when crystals are collected



Code Example



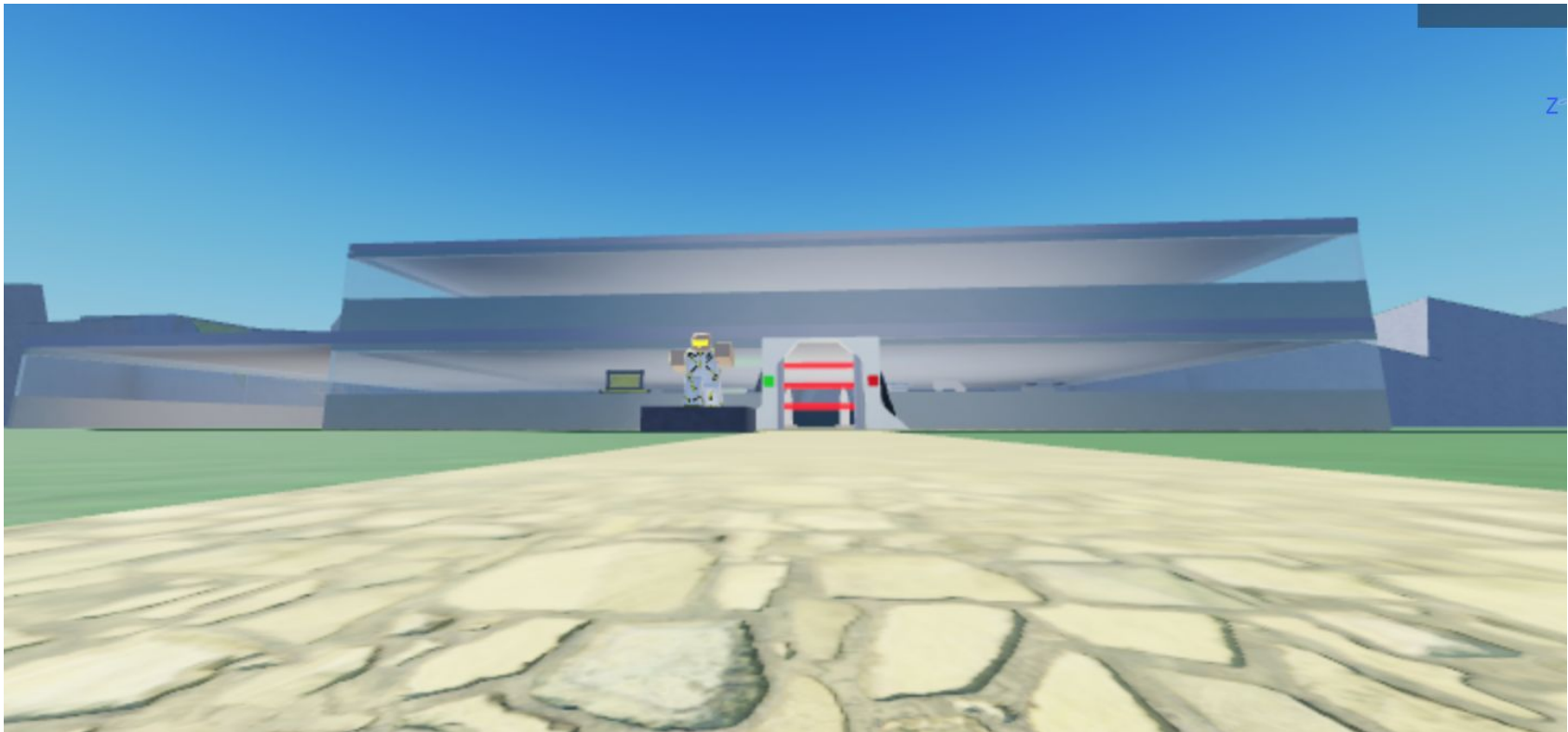
CODE #2: Touched Event to give money to player

```
script.Parent.Touched:Connect(function(hit)
    if hit.Name == "yPart" then
        _G.dok=_G.dok+15
        script.Parent:Destroy()
        running=false
    end
end)
```

CODE #1: Crystal Moving code to
move crystals down conveyor belt

```
while running do
    model.CFrame=CFrame.new(model.CFrame.Position+Vector3.new(-0.5,0,0))
    wait(0.0)
end
```

Demo



Favorite

My favorite part about working on this project was making a moving script to make crystals move down a dropper machine.



How to improve my project

If I were to continue to work on this project, I would add:

- Levels to my hero building where I would add more unlockable items and dispensers.
- More power-ups, shields and weapons that can create cool effects like tornadoes and tsunamis.
- Create more heroes with different themes and powers such as strength, telekinesis, and flight.

Thank You!



Coding Minds
ACADEMY
编程思维